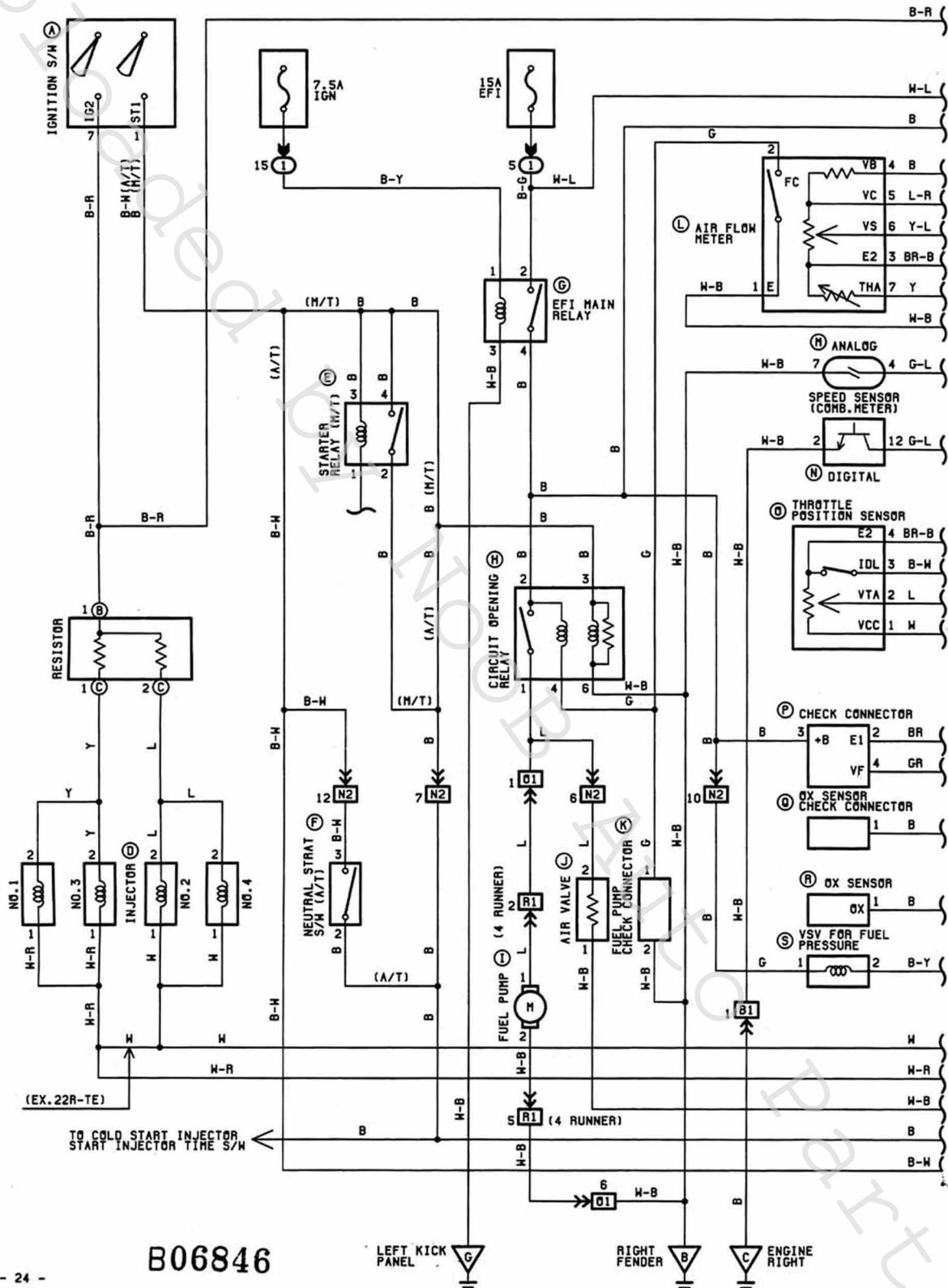
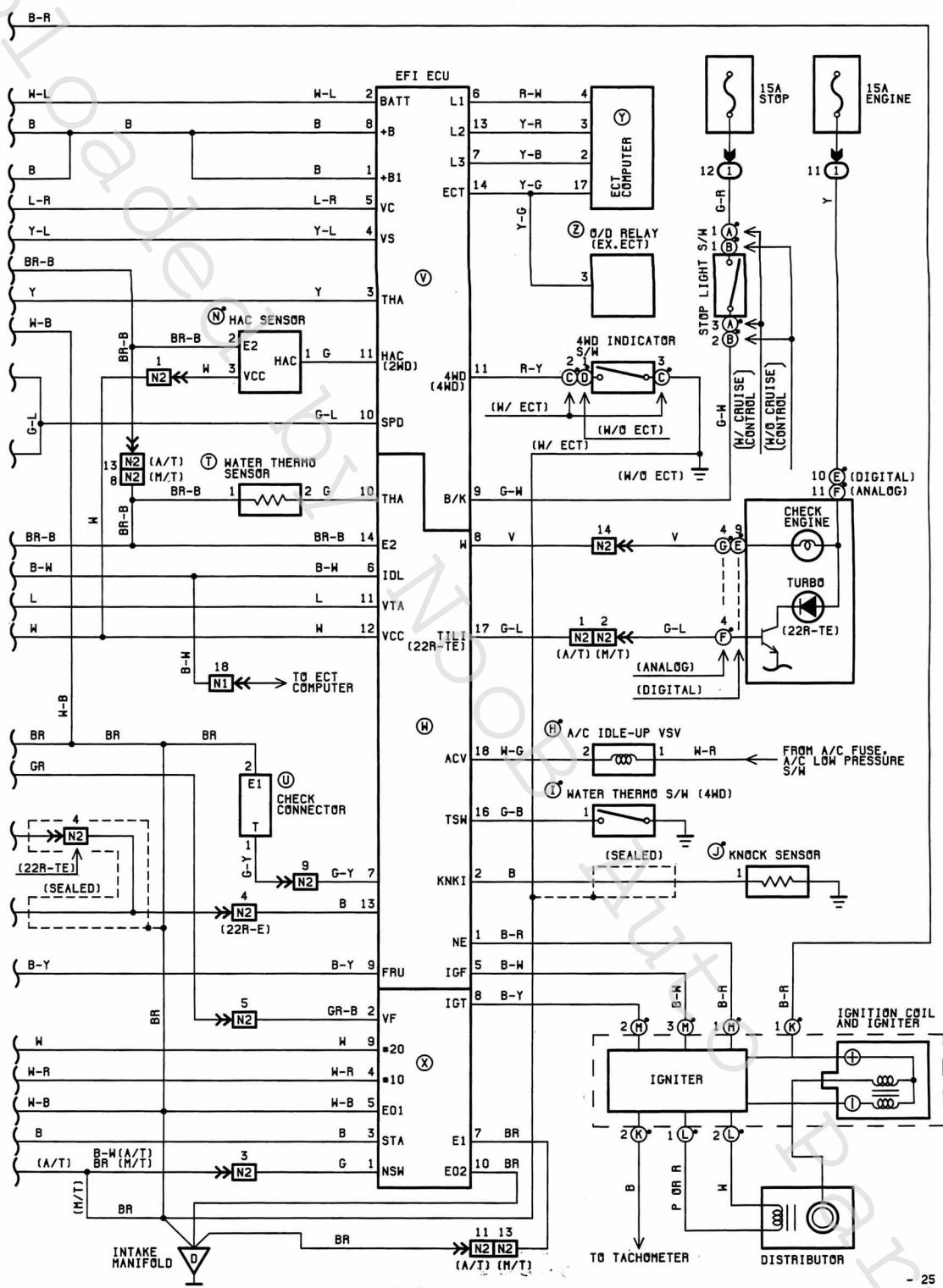


1986 Toyota 22RTE/RE EFI Wiring Diagram

EFI SYSTEM



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1986 Toyota 22RTE/RE EFI Wiring Diagram

EFI SYSTEM

<p>⑥ RESISTOR 2Ω EACH</p> <p>⑦ INJECTOR 2-1: 1.5-3.0Ω</p> <p>⑧ NEUTRAL START S/W (A/T) 2-3: CLOSED WITH A/T SHIFT LEVER IN P OR N POSITION</p> <p>⑨ EFI MAIN RELAY NO.1 CLOSED WITH IGNITION S/W ATIG OR ST POSITION</p> <p>⑩ CIRCUIT OPENING RELAY 2-1: CLOSED WITH STARTER RUNNING OR MEASURING PLATE (AIR FLOW METER) OPEN</p> <p>⑪ AIR VALVE 2-1: 40-60Ω</p> <p>⑫ AIR FLOW METER 2-1: OPEN WITH MEASURING PLATE CLOSED CLOSED WITH MEASURING PLATE OPEN 6-3: 20-400Ω (MEASURING PLATE FULLY CLOSED) 20-1000Ω (MEASURING PLATE FULLY OPEN) 5-3: 100-300Ω 4-3: 200-400Ω 7-3: 10-20KΩ (-20°C, -4°F) 4-7KΩ (0°C, 32°F) 2-3KΩ (20°C, 68°F) 0.9-1.3KΩ (40°C, 104°F) 0.4-0.7KΩ (60°C, 140°F)</p> <p>⑬ THROTTLE POSITION SENSOR 2-4: 0.2-0.8KΩ WITH CLEARANCE BETWEEN LEVER AND STOP SCREW 0MM (0IN) 3-4: LESS THAN 2.3KΩ WITH CLEARANCE BETWEEN LEVER AND STOP SCREW 0.35MM (0.0138 IN) ∞Ω WITH 0.59MM (0.0232 IN) 2-4: 3.3-10KΩ WITH THROTTLE VALVE FULLY OPEN 1-4: 3-7KΩ</p>	<p>EFI ECU (ELECTRONIC CONTROLLED UNIT) VOLTAGE AT ECU WIRING CONNECTORS</p> <p>(V) 8-X 7: 10-14V (IGNITION S/W ON)</p> <p>(V) 2-X 7: 10-14V</p> <p>(H) 6-H 14: 4-10V (IGNITION S/W ON, THROTTLE VALVE OPEN)</p> <p>(H) 11-H 14: 0.1-1.0V (IGNITION S/W ON, THROTTLE VALVE FULLY CLOSED) 4-5V (IGNITION S/W ON, THROTTLE VALVE FULLY OPEN)</p> <p>(H) 12-H 14: 4-6V (IGNITION S/W ON)</p> <p>(X) 8-X 7: 0.7-1.0V (IDLING)</p> <p>(X) 3-X 7: 6-12V (IGNITION S/W ST)</p> <p>(X) 4-X 7, (X) 9-X 7: 9-14V (IGNITION S/W ON)</p> <p>(H) 8-X 7: 8-14V (NO TROUBLE AND ENGINE RUNNING)</p> <p>(V) 5-H 14: 4-9V (IGNITION S/W ON)</p> <p>(V) 4-H 14: 0.5-2.5V (IGNITION S/W ON, MEASURING PLATE FULLY CLOSED)</p> <p>(V) 4-H 14: 5-8V (IGNITION S/W ON, MEASURING PLATE FULLY OPEN)</p> <p>(V) 4-H 14: 2.5-7.5V (IDLING)</p> <p>(V) 3-H 14: 2-6V (IGNITION S/W ON, INTAKE AIR TEMP. 20 °C, 68 °F)</p> <p>(H) 10-H 14: 0.5-2.5V (IGNITION S/W ON, COOLANT TEMP. 80 °C, 176 °F)</p> <p>(V) 9-H 14: 8-14V (STOP LIGHT S/W ON)</p> <p>RESISTANCE AT ECU WIRING CONNECTORS (DISCONNECT WIRING CONNECTOR)</p> <p>(H) 6-H 14: ∞Ω (THROTTLE VALVE FULLY OPEN) 0-100Ω (THROTTLE VALVE FULLY CLOSED)</p> <p>(H) 11-H 14: 3.3-10KΩ (THROTTLE VALVE FULLY OPEN) 0.2-0.8KΩ (THROTTLE VALVE FULLY CLOSED)</p> <p>(H) 12-H 14: 3-7KΩ</p> <p>(V) 3-H 14: 2-3KΩ (INTAKE AIR TEMP. 20 °C, 68 °F)</p> <p>(H) 10-H 14: 0.2-0.4KΩ (COOLANT TEMP. 80 °C, 176 °F)</p> <p>(V) 8-H 14: 0.2-0.4KΩ</p> <p>(V) 5-H 14: 0.1-0.3KΩ</p> <p>(V) 4-H 14: 0.22-0.20KΩ (MEASURING PLATE FULLY CLOSED) 0.22-1.00KΩ (MEASURING PLATE FULLY OPEN)</p> <p>(H) 1-X 7: 140-180Ω</p> <p>(V) 14-H 14: CONTINUITY BELOW 45 °C (113 °F) NO CONTINUITY ABOVE 50 °C (122 °F)</p>
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Wire Colors:

B = Black

L = Light Blue

R = Red

BR = Brown

LG = Light Green

V = Violet

G = Green

O = Orange

W = White

GR = Gray

P = Pink

Y = Yellow

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